

RECLAMATION

Managing Water in the West

WY 2019 Friant Dam Water Operations Recap

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November 6, 2019



U.S. Department of the Interior
Bureau of Reclamation

WY 2019 Quick Overview

- **Precipitation:**
 - HNT: 57.56"
 - Friant Dam: 16.69"
- **Natural River:**
 - WY: 2,735 TAF (158%; 17th wettest)
 - A-J: 2,034 TAF (169%; 14th wettest)
- **Flood Management:**
 - SJR: 390 TAF (March-July)
 - Canals: 1,065 TAF (Feb-July)

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WY 2019 Flood Management

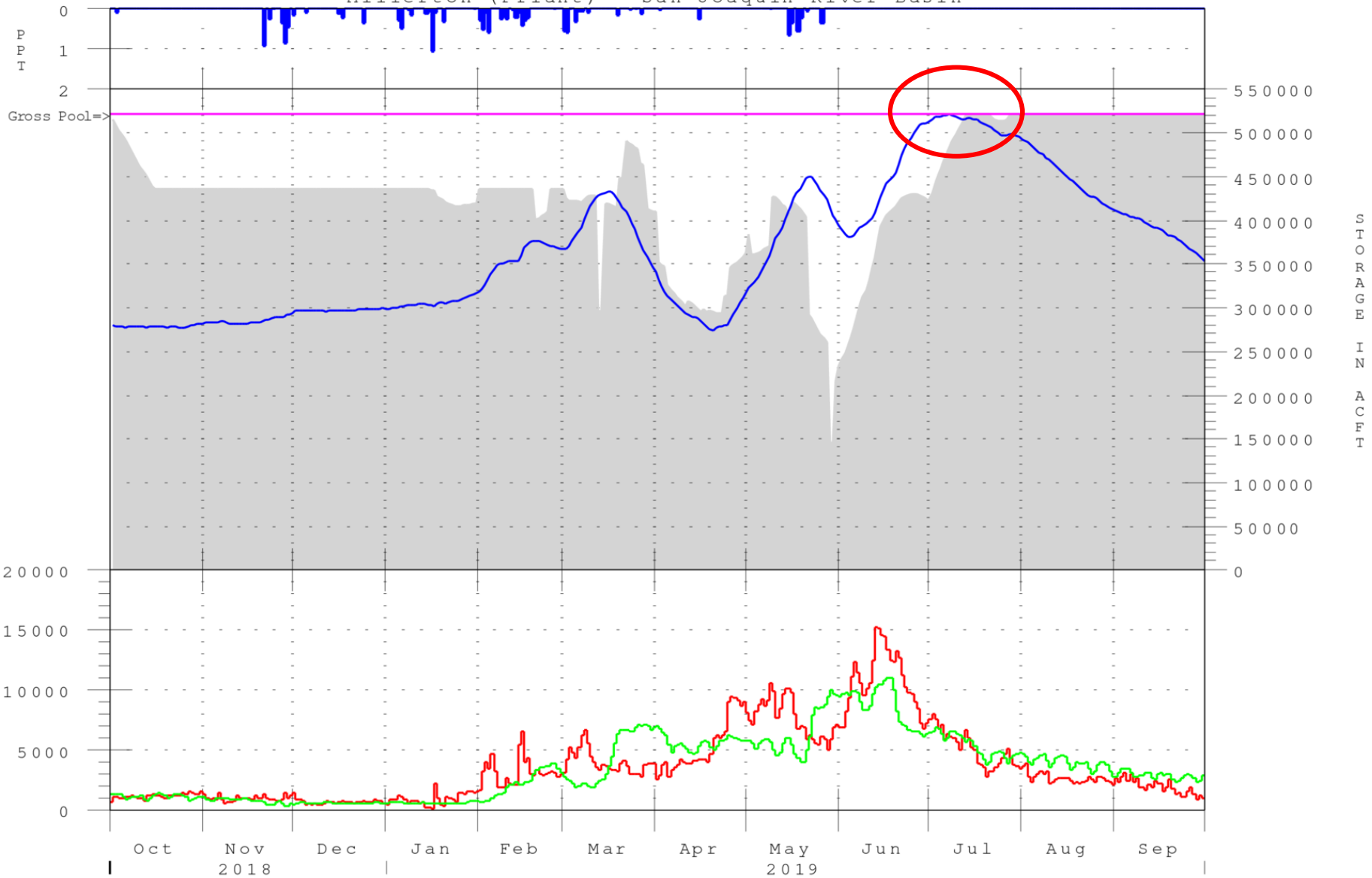
- Started on February 11, 2019, with authorizing "Pre-use" of Contract Year 2019 Class 2 up to 10%.
- Uncontrolled Season duration from March 1 – July 15
 - Based on quantity/timing, then unlimited Uncontrolled
- SJR Flood Flows were released on two separate occasions
 - March 15 – April 5
 - May 21 – July 10

WY 2019 Flood Management

- WY 2019 had 26 water supply allocation updates
- July 8th: Millerton Lake achieved 100% of capacity
- Successful coordination with SJRRP, PG&E, SCE, Army Corps of Engineers, Downstream Interest, DWR, CNRFC, NASA JPL, USDA ARS, CVO, SLDMWA and Friant Division Water Contractors.
- Joint Forecasting Group Water Year projections
 - On May 20th: 2,690 TAF (error of 45 TAF; 1.6 Percent)
 - On June 20th: 2,740 TAF (error of 5 TAF; 0.2 percent)

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Millerton (Friant) - San Joaquin River Basin



Inflow


Outflow

Top of Conservation Pool

Reservoir Storage

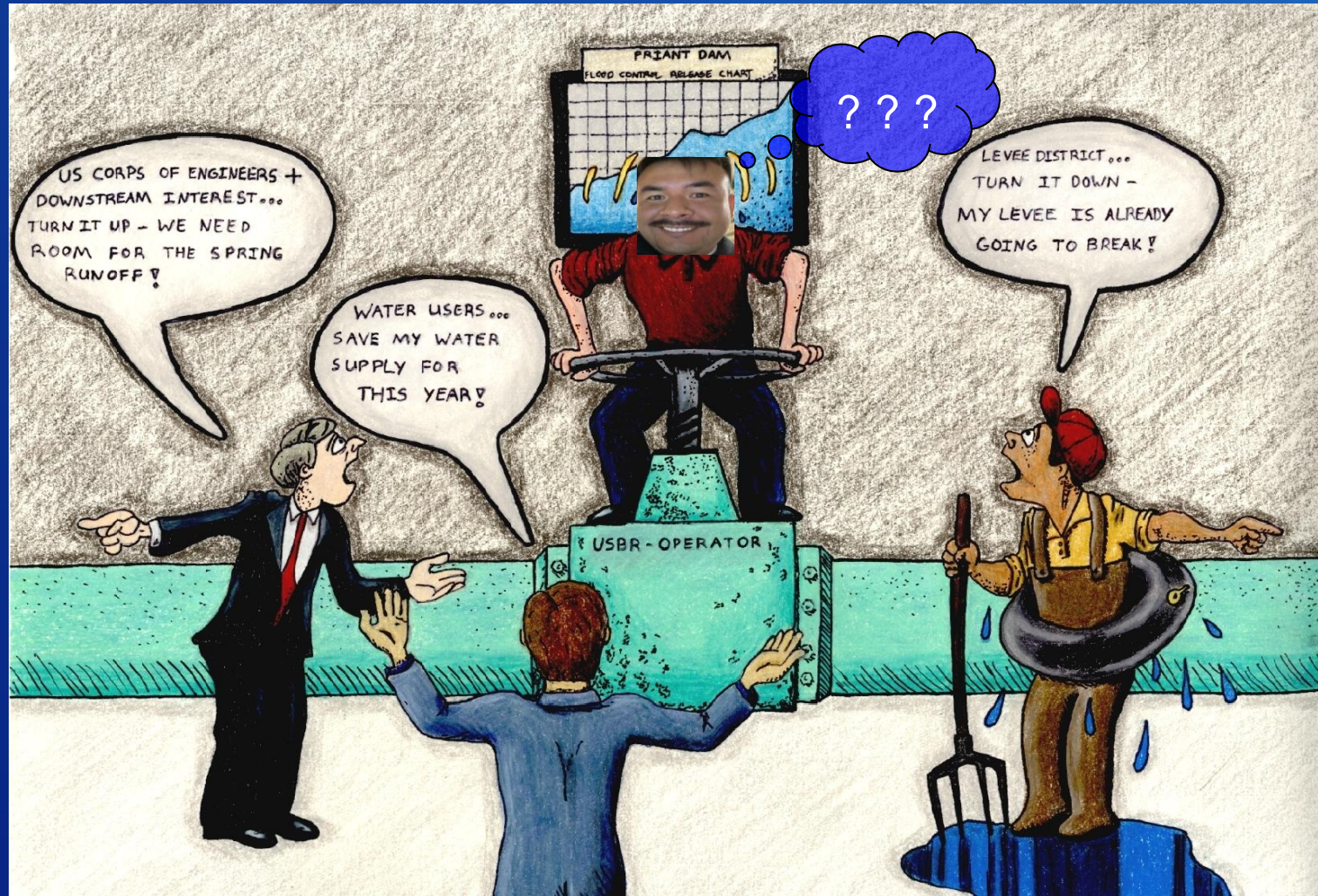
Precipitation



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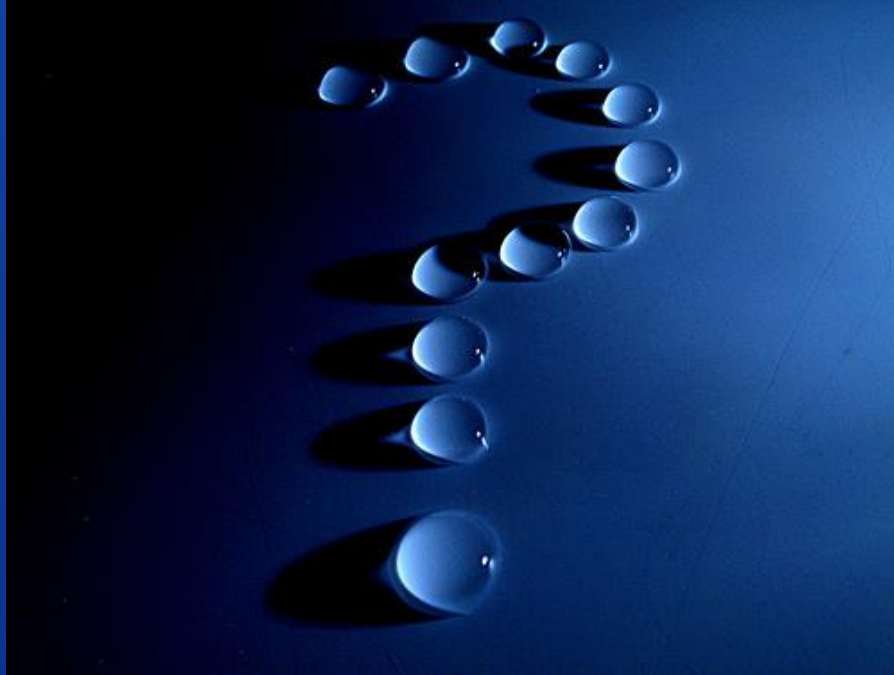
CDEC

Typical Day at Millerton Lake



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Questions?



Thank You

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